Power Handle

719 Series Lithium Ion Handle

INTRODUCTION

Thank you for purchasing the Welch Allyn 719 Series Lithium Ion Power Handle. The handle is intended for use as a power source for all Welch Allyn standard instrument heads. The 719 series represents a new generation of handles from Welch Allyn. Taking advantage of new battery technology, the 719 series provides you double the on-time in a smaller and lighter weight package. Smarter battery technology means that "memory" is no longer an issue. What's more, the 719 reminds you to recharge with its low battery indicator. The soft rheostat section provides a sure grip and the overall design is ergonomically sound.

This handle is chargeable in the Welch Allyn Universal Charger. It is also chargeable in the Welch Allyn 7111x (obsolete) Desk Charger and most standard 120V ophthalmic stands with the use of a Welch Allyn Well Adapter (see 71980/90 Well Adapter User Manual for manufacturer/model chart).

Before using this product, please read the following warnings and instructions.

SAFETY AND WARNINGS

Attention: Read Operating Manual for Cautions and instructions for use.

- POSSIBLE EXPLOSION HAZARD. Equipment not suitable for use in the presence of a flammable anesthetic.
- Use the 719 Series Handle only with Welch Allyn approved products and chargers.
- Welch Allyn p/n 71960 (Battery Section) is only suitable for use with the 719 series handle.
- Do not disassemble or modify the battery pack. There are no serviceable parts inside.
- Do not attempt to directly solder to the battery pack.
- Do not attempt to connect the positive and negative terminals to each other, nor to any other device.
- Do not charge battery pack in any environment where the temperature may exceed 40°C (104° F) or fall below 0°C (32° F).
- Do not dispose of the battery section in fire or water. Do not puncture, incinerate or subject to strong impact or shock.
- Do not immerse the battery pack in any liquid.
- Do not strike or throw the battery pack.
- Do not use a battery pack which appears deformed, leaking, corroded, or is otherwise irregular.
- Handle a damaged or leaking battery with extreme care. If you come into contact with the electrolyte, wash the exposed area with soap and water. If it contacts the eye, flush the eye with water for 15 minutes. Seek medical attention immediately.
- When discarding a battery pack, contact your local waste disposal service provider regarding local restrictions on the disposal or recycling of batteries.
- To avoid the risk of fire, burns, or damage to your battery pack or lamp, do not allow a metal object to touch across the battery contacts.

FOR BEST PERFORMANCE:

- Do not expose battery pack to storage temperatures above 50°C (122°F) or below -20°C (-4°F).
- Do not discharge battery pack if the ambient temperature is above 60°C (140°F) or below -20°C (-4°F).

Parts List

OPERATING INSTRUCTIONS

1. Connect instrument head to the handle.
2. Depress On/Off Button on Rheostat Section and rotate the Light Intensity Control Ring clockwise (CW). To intensify light, continue to rotate until stop is reached (Figure 1).
3. To turn off, rotate counter clockwise (CCW). Button will click when fully off. Turn fully off after each use to ensure maximum on-time from the battery.

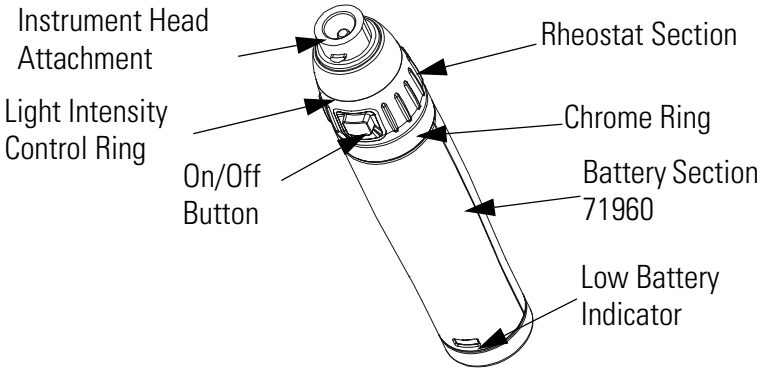

Figure 1

CHARGING INSTRUCTIONS

7114x Universal Charger

1. Insert the handle into the Well. Charge for 24 continuous hours to charge a dead battery (less to top off).
2. Fully charged handles may remain in the Charger if desired.
3. Charging the Battery after partial discharge does not negatively affect overall battery memory (unlike Ni-Cad cells).

71110 Desk Charger (obsolete) and Ophthalmic Stands

See well adapter instructions for installing well adapter(s). Once adapters are installed, follow charging procedures indicated under the 7114x Universal Charger.

NOTE: The Battery Section is not shipped fully charged. For maximum performance charge the Battery Section for 24 hours when new or after a long period of inactivity.

LOW BATTERY INDICATOR

1. The Low Battery Indicator will illuminate several minutes before handle shuts off depending on the age of the battery (Figure 1).
2. Once the battery is fully discharged, the Low Battery Indicator may flicker.

INSTALLING 71980 WELL ADAPTERS INTO THE 71110 DESK CHARGER

1. Insert the Well Adapter into one of the Handle Receptacles in the Desk Charger. Be sure to insert the Adapter until it is fully seated. Once the Well Adapter has been installed, it does not need to be removed (Figure 2).
2. One or two Well Adapters may be used with the Desk Charger.

BATTERY REPLACEMENT

Removing the old Battery Section:

1. Hold the instrument handle firmly by the Battery Section.
2. Turn the Rheostat Section Counterclockwise until it detaches from the Battery Section (see figure 2).

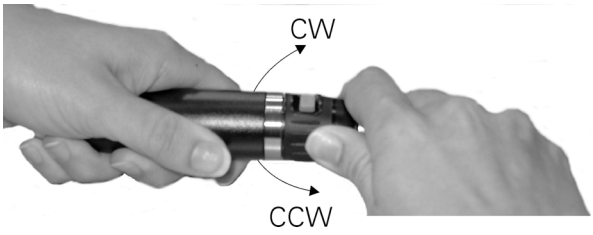

Figure 2

Installing A New Battery Section

1. Insert the Rheostat Section into the new Battery Section.
2. To connect the two sections, turn the Rheostat Section clockwise until tight (see figure 2).
3. Verify the Rheostat Section is secure on the Battery Section of the instrument handle.

CLEANING

The cleaning of all Welch Allyn power handles and chargers is easily accomplished by wiping the external surface with a cloth dampened with a mild detergent and water solution, 70% isopropyl alcohol, or a 10% bleach solution (by volume). Do not immerse.

NOTE: Excess solution entering the assembly could damage internal components. Use caution to ensure cloth is not saturated with solution.

Do not sterilize the 719 Series Power Handle or Well Adapter.

Battery Recycling

Welch Allyn now employs the services of an agency which can disassemble and recycle all components of rechargeable batteries so that nothing gets landfilled or incinerated. Should you wish to dispose of your expended Welch Allyn rechargeable battery via recycling (in the U.S. and Canada only), please send to:

Welch Allyn	Welch Allyn Canada
RECYCLE BATTERY	RECYCLE BATTERY
4341 State Street Road	160 Matheson Blvd. East
Skaneateles Falls, NY	Mississauga, Ontario
13153-0220	CANADA L4Z 1V4

For locations outside the U.S. and Canada consult your local recycling authority for correct disposal of batteries.

SPECIFICATIONS

(Specifications and design may change without notice)

Handle

Model Number: 71911

Dimensions: 5.4" Long x 1.125" Diameter (Max.) (137mm x 28.6 mm)

Weight: 4.5 oz. (128 g)

Typical Charge Time: 24 hours (fully discharged)

Typical Discharge Time: 110 minutes (for new battery)

Approvals:

Complies with: IEC 60601-1, CAN/CSA C22.2 No 125 and UL544

When used with 71980 Well Adapter and 711 series Desk Charger

Equipment Classification:

TYPE BF Equipment.

Equipment Classification (All Charger Model Numbers)

Double Insulation

Equipment Classification (All System Components)

IXPO Equipment not protected against the ingress of water.

Operating Mode: Continuous Operation

NOTE: This product complies with current required standards for electromagnetic interference and should not present problems to other equipment or is affected by other devices. As a precaution, avoid using this device in close proximity to other equipment.

Environment (All System Components)

Transport/Storage: -20°C ~ 49°C, 95% R.H. Max, 500hPa - 1060hPa, Altitude

Operating: 10°C ~ 40°C, 95% R.H. Max, 500hPa - 1060hPa, Altitude

CE The CE mark on this product indicates it has been tested to and conforms with the provisions noted in the 93/42/EEC Medical Device Directive.

Authorized European Representative:
European Regulatory Manager
Welch Allyn, Ltd.
Navan Business Park
Dublin Road
Navan, County Meath, Republic of Ireland
Telephone: 353 46 67700
Fax: 353 46 27128

SERVICE AND WARRANTY

Service Information

Other than battery replacement, this equipment contains no user servicable parts. Return to a Welch Allyn authorized service center for service.

For Technical Support or to obtain return instructions, please contact your nearest Welch Allyn service center listed below:

Welch Allyn, Inc.
4341 State Street Road
Skaneateles Falls, NY 13153-0220
Telephone: 800-535-6663
Fax: 315-685-4653

Welch Allyn, Ltd - Canada
160 Matheson Blvd. E., Unit #2
Mississauga, Canada L4Z 1V4
Telephone: 905-890-0004
Fax: 905-890-0008

Welch Allyn, Ltd. - UK
Cublington Road
Aston Abbotts
Buckinghamshire England HP22 4ND
Telephone: 011-0207-365-6780
Fax: 011-0207-365-9694

Welch Allyn, GmbH PSC
Zollerstrasse 2-4
D72417 Juningen, Germany
Telephone: 011-49-7477-927186
Fax: 011-49-7477-927293

Welch Allyn, LTD - Singapore
300 Beach Road
The Concourse #25-08
Singapore 199555
Telephone: 011-656-291-0882
Fax: 011-656-291-5780

Welch Allyn China Service Center
Room 708 Central Plaza
No. 277 Huang Pi Bei Rd.
Huang Pu District
Shanghai 20003, China
Telephone: 011-86-21-63279631
FAX: 011-86-21-63279632

Welch Allyn, Ltd. - Australia
The Metro Centre Unit 5
38-46 South Street
Rydalmere NSW 2116, Australia
Telephone: 011-(612) 9638-3000
Fax: 011-(612) 9638-3500

Warranty

The 719 series Power Handle is guaranteed by Welch Allyn against all manufacturing defects. Welch Allyn will repair or replace, free of charge, any parts of its own manufacture proven to be defective through causes other than misuse, neglect, damage in shipment, or normal wear.

Welch Allyn warrants that the Welch Allyn 71960 Battery Section will perform to original specifications during the two years from the date of manufacture, when used with the Welch Allyn 719 series Power Handle. This warranty does not apply to the use of the 71960 battery in other products. A defective battery will be replaced if it fails within two years of the date of manufacture.